

Pr 130 130 130 130 130 130

100

$\rho_1 \rho_2 \dots \rho_m$

110

$\{A_1, A_2, \dots, A_n\}$

A

VOTING
SYSTEM

$\{Z_1, Z_2, Z_3, Z_4, \dots, Z_k\}$

$\{E_1, E_2, \dots, E_h\}$

FIG 1

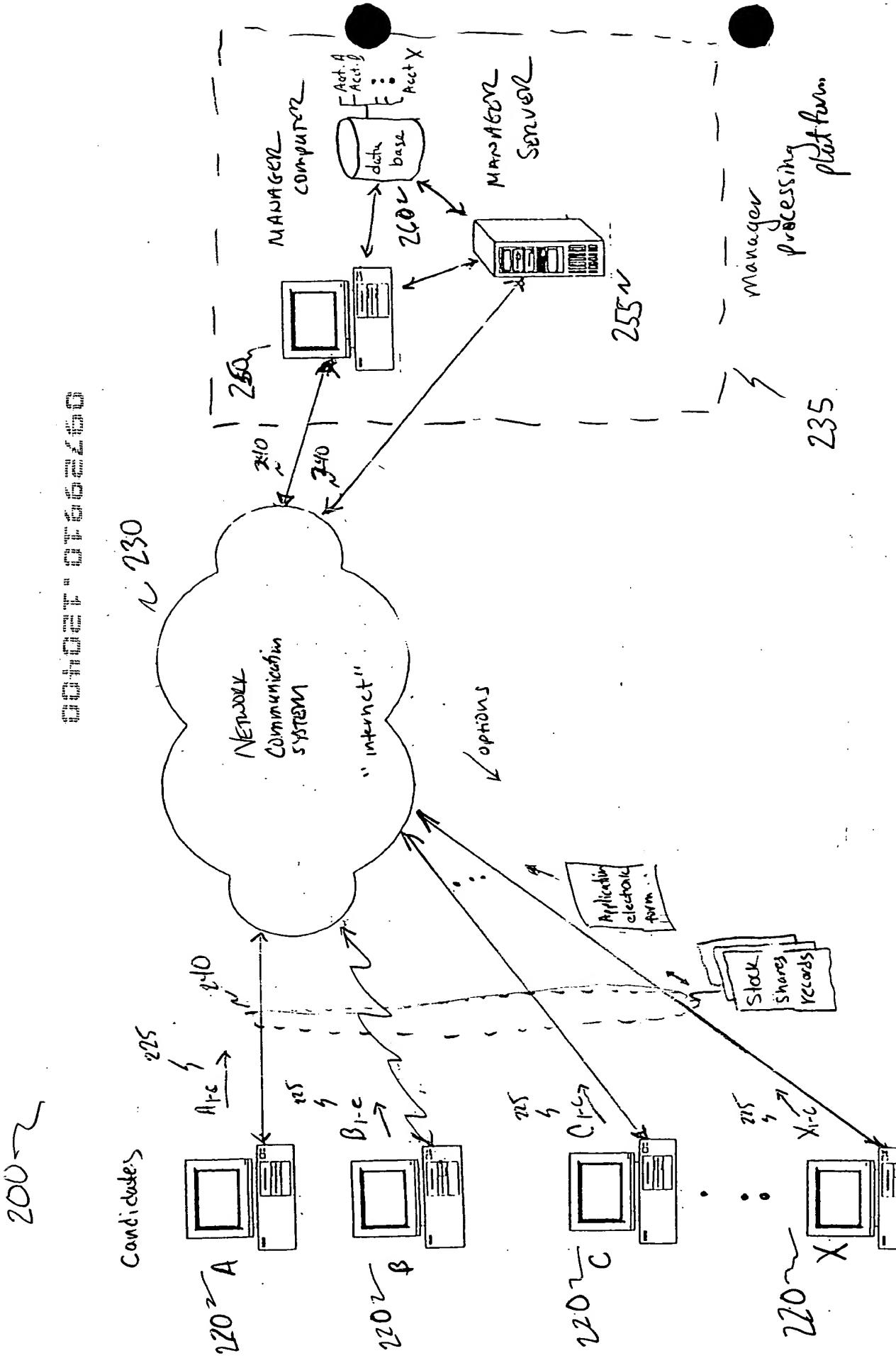


Fig. 2

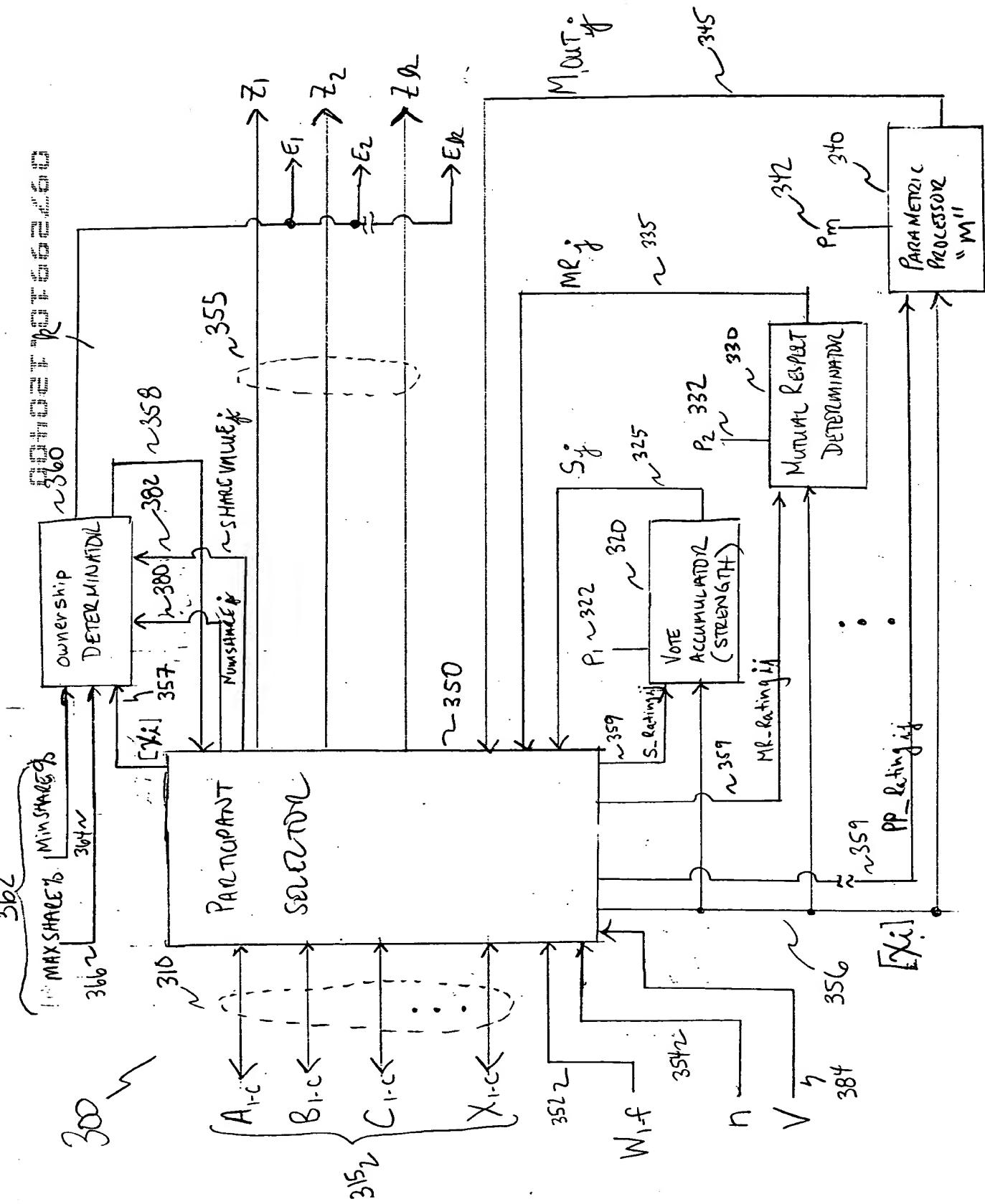


Figure 3

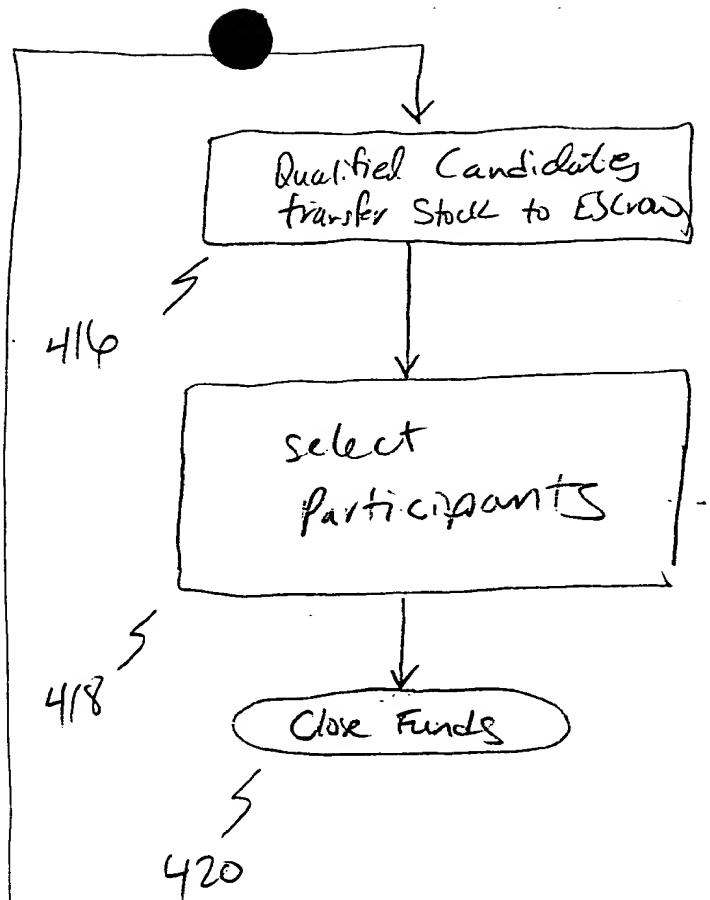
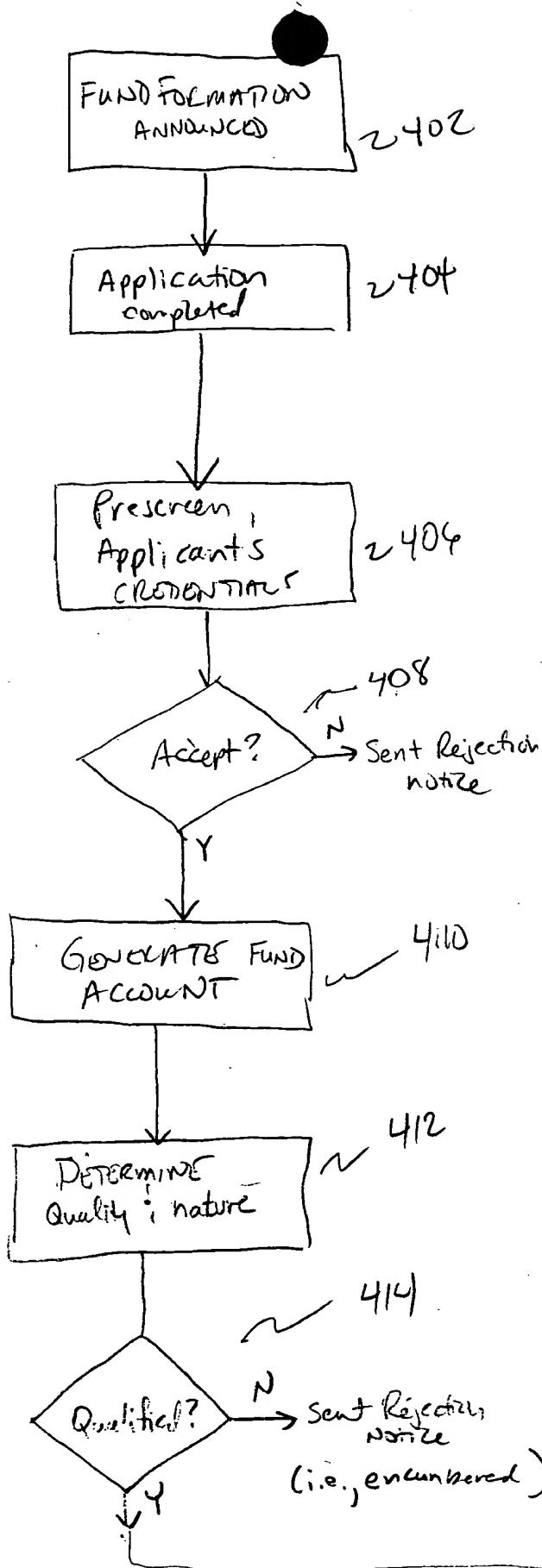


Fig 4

$$S_{ij} = \begin{vmatrix} 0 & S_{Rating_{12}} & S_{Rating_{13}} & \cdots & S_{Rating_{1N}} \\ & \vdots & & & \\ S_{Rating_{21}} & & \ddots & & \\ & \vdots & & \ddots & \\ S_{Rating_{31}} & & & & \\ & \vdots & & & \\ S_{Rating_{N1}} & & \ddots & & 0 \end{vmatrix}$$

505

$$MR_{ij} = \begin{vmatrix} 0 & MR\text{-Rating}_{12} & \cdots & MR\text{-Rating}_{1N} \\ & \vdots & & \\ MR\text{-Rating}_{21} & & \ddots & \\ & \vdots & & \\ MR\text{-Rating}_{31} & & & \\ & \vdots & & \\ & & & \\ & & & 0 \end{vmatrix}$$

290

$$X_i = \begin{vmatrix} x_1 & x_2 & x_3 & x_4 & \cdots & x_n \end{vmatrix} \approx 515$$

Fig 5

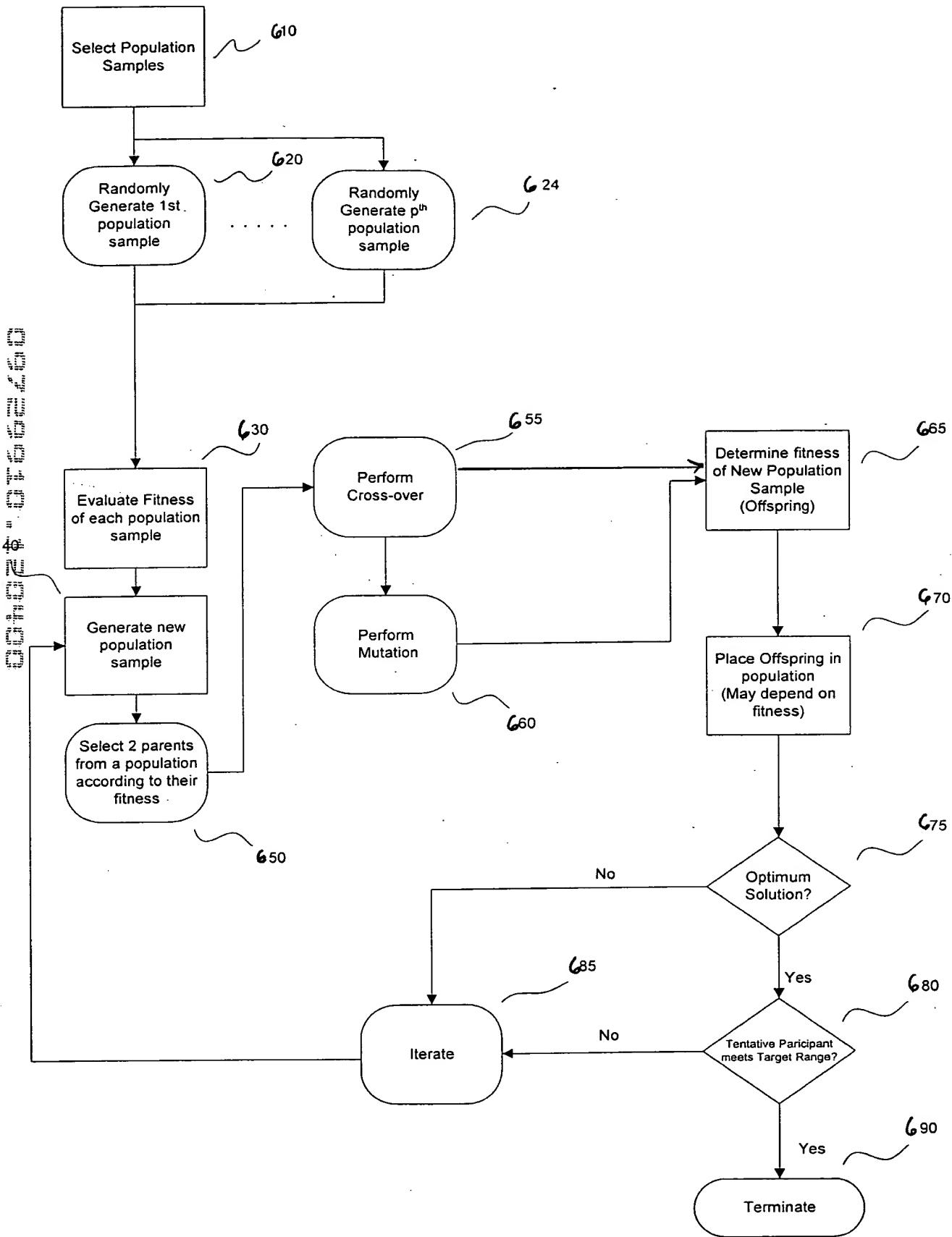


FIG-6